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Rocky Enterprise Linux 9.2 Manual Pages on command 'csinh.3'

\$ man csinh.3

CSINH(3)

Linux Programmer's Manual

CSINH(3)

NAME

csinh, csinhf, csinhl - complex hyperbolic sine

SYNOPSIS

#include <complex.h>

double complex csinh(double complex z);

float complex csinhf(float complex z);

long double complex csinhl(long double complex z);

Link with -lm.

DESCRIPTION

These functions calculate the complex hyperbolic sine of z.

The complex hyperbolic sine function is defined as:

csinh(z) = (exp(z)-exp(-z))/2

VERSIONS

These functions first appeared in glibc in version 2.1.

ATTRIBUTES

For an explanation of the terms used in this section, see attributes(7).

?Interface ? Attribute ? Value ?

?csinh(), csinhf(), csinhl() ? Thread safety ? MT-Safe ?

CONFORMING TO Page 1/2

C99, POSIX.1-2001, POSIX.1-2008.

SEE ALSO

cabs(3), casinh(3), ccosh(3), ctanh(3), complex(7)

COLOPHON

This page is part of release 5.10 of the Linux man-pages project. A description of the project, information about reporting bugs, and the latest version of this page, can be found at https://www.kernel.org/doc/man-pages/.

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